

## ABSTRACT:

An electric lamp which is provided with an electric light source in a light-transmitting bulb provided with a coating comprising an inorganic colored pigment selected from the group formed by oxide nitride pigments of the general formula

$A_{1-x}A'_xBO_{2-x}N_{1+x}$ , wherein  $A = \text{Mg, Ca, Sr, Ba, Zn}$ ,  $A' = \text{Ln, Bi, Al, Fe}$ ,  $B = \text{V, Nb, Ta, Mo, W}$

5 and  $B' = \text{Ti, Zr, Hf, Sn, Ge, Si, Nb, Ta}$  and  $0 < x < 1$

or an oxide-nitride pigment of the general formula

$AB_{1-x}B'_xBO_{1+x}N_{2-x}$ , wherein  $A = \text{Mg, Ca, Sr, Ba, Zn}$ ,  $A' = \text{Ln, Bi, Al, Fe}$ ,  $B = \text{V, Nb, Ta, Mo, W}$

and  $B' = \text{Ti, Zr, Hf, Sn, Ge, Si, Nb, Ta}$  and  $0 < x < 1$

or an oxide-nitride pigment of the general formula

10  $A_yA'_yB_2O_{5+y}N_{2-y}$ , wherein  $A = \text{Mg, Ca, Sr, Ba, Zn}$ ,  $A' = \text{Ln, Bi, Al, Fe}$ ,  $B = \text{V, Nb, Ta, Mo, W}$

and  $B' = \text{Ti, Zr, Hf, Sn, Ge, Si, Nb, Ta}$  and  $0 < y < 2$

or an oxide-nitride pigment of the general formula

$A'_2B_{2-y}B'_yO_{5+y}N_{2-y}$ , wherein  $A = \text{Mg, Ca, Sr, Ba, Zn}$ ,  $A' = \text{Ln, Bi, Al, Fe}$ ,  $B = \text{V, Nb, Ta, Mo, W}$

and  $B' = \text{Ti, Zr, Hf, Sn, Ge, Si, Nb, Ta}$  and  $0 < y < 2$

15 or an oxide-nitride pigment of the general formula

$CD_{2-m}D'_mO_{4-m}N_m$ , wherein  $C = \text{Mg, Ca, Mn, Fe, Co, Ni, Zn}$  and  $D = \text{Al, Ga, In, Ti, V, Cr, Fe, Co, Ni}$

and  $D' = \text{Ti, Zr, Hf, Sn, Ge, Si, Nb, Ta}$ , and  $0 < m < 2$

or an oxide-nitride pigment of the general formula

$C_{1-n}C'_nD_2O_{4-n}N_n$ , wherein  $C = \text{Mg, Ca, Mn, Fe, Co, Ni, Zn}$ ,  $C' = \text{Al, Ga, In, Ti, V, Cr, Fe, Co, Ni}$

20 and  $D = \text{Al, Ga, In, Ti, V, Cr, Fe, Co, Ni}$  and  $0 < n < 2$

or an oxide-nitride pigment of the general formula

$A'_2CBO_5N$ , wherein  $A' = \text{Ln, Bi, Al, Fe}$ ,  $C = \text{Mg, Ca, Mn, Fe, Co, Ni, Zn}$ ,  $B = \text{V, Nb, Ta, Mo, W}$

W

or an oxide-nitride pigment of the general formula

25  $A'_2A''BO_4N_2$ , wherein  $A' = \text{Ln, Bi, Al, Fe}$ ,  $A'' = \text{Ln, Bi}$ ,  $B = \text{V, Nb, Ta, Mo, W}$

or an oxide-nitride pigment of the general formula

$A'_2DBO_3N_3$ , wherein  $A' = \text{Ln, Bi, Al, Fe}$ ,  $D = \text{Al, Ga, In, Ti, V, Cr, Fe, Co, Ni}$

and  $B = \text{V, Nb, Ta, Mo, W}$

and with means for operating the electric light source.